

3-9-5/31

Notes on the Teaching of Political Economy by Correspondence

The author refers to an article by S.V.Sharutin in the "Vestnik Vysshey Shkoly" (# 11, 1956), who suggests abandoning the lecture of survey. Shvetsov does not agree with this opinion, as the final lectures help the students to form a clear concept of the mutual relations between different economical processes and phenomena. He considers that surveying lectures should deal with key questions and the systematization of economic categories and laws of social development, in chronological order. The same method is applied to lectures in socialist and capitalist political economy. Experience has shown that both types of lecture are important for correspondence students.

ASSOCIATION: The Saratov State University imeni N.G.Chernyshevskiy (Saratovskiy gosudarstvennyy universitet imeni N.G.Chernyshevskogo)

AVAILABLE: Library of Congress

Card 2/2

SHVETSOV, A.P., dotsent, kand.ekon.nauk, glavnnyy red.; KRUTOV, I.V., dotsent, kand.ekon.nauk, red.; TOPILIN, P.K., prof., red.; NIKOLAYEV, N., red.; LUKASHEVICH, V., tekhn.red.

[Economic laws of socialism; a collection of articles] Ekonomicheskie zakony sotsializma; sbornik statei. Saratovskoe knizhnoe izd-vo, 1958. 309 p. (MIRA 12:4)

1. Zaveduyushchiy kafedroy politicheskoy ekonomii Saratovskogo gosudarstvennogo universiteta im. N.G.Chernyshevskogo (for Shvetsov).
2. Zaveduyushchiy kafedroy politicheskoy ekonomii Saratovskoy vysshey partiynoy shkoly (for Krutov). 3. Saveduyushchiy kafedroy politicheskoy ekonomii Saratovskogo ekonomiceskogo instituta (for Topilin).

(Economics)

SOV-3-58-10-10/23

AUTHOR: Shvetsov, A.P., Docent Candidate of Economical Sciences

TITLE: To Raise the Role of Basic Departments ('Poinyat' rol' oportuikh kafedr)

PERIODICAL: Vestnik vysshey shkoly, 1958, Nr 10, pp 53 - 57 (USSR)

ABSTRACT: The basic departments' principal purpose is to coordinate the scientific-research and training work of chairs in cities with important vuzes. There is an urgent need for such departments as the lack of coordination in the work of social science instructors is a serious obstacle to improving the teaching of this science. The usefulness of such departments is proved by the experience of the higher schools in Saratov, where the chairs of KPSS History, Political Economy and Philosophy of Saratov University act as basic departments. They organize scientific intervuz and general local conferences, take charge of instructor seminars, assist the chairs of various vuzes in exchanging experiences, publish articles in the local press and arrange excursions of instructors to industrial enterprises. The author mentions the scientific literary work of the historians and economists, and points to a training aid on the history of economic doctrines made up by Professor P.K. Topilin of the

Card 1/2

To Raise the Role of Basic Departments

SOV-3-58-1C-1C/23

Institute of Economics. Taking the experience of 3 vuzes - the University, Pedagogical Institute and the All-Union Highway Correspondence Institute - as a basis; the instructors of these institutes discussed questions of teaching political economy at correspondence vuzes and departments. Dealing with the work of local general seminars in which every social science instructor should be participating, the author tells of the custom of discussing the contents of lectures before they are printed. In this connection the names of V.Ya. Rozen, Docent of the Chair of Political Economy, Zooveterinary Institute, and the Docents V.N. Tel'nov (University) and V.Ye. Lumel'skiy (Pedagogical Institute) are mentioned.

ASSOCIATION: Saratovskiy gosudarstvennyy universitet imeni N.G. Chernyshevskogo (Saratov State University imeni N.G. Chernyshevskiy)

Card 2/2

PARAMONOV, F.F.; SHVETSOV, A.S.

Physiological and biochemical characteristics of some corn varieties. Fiziol. rast. 12 no.3:463-468 My-Je '65.
(MIRA 18:10)
I. Moskovskoye otdeleniye Vsesoyuznogo instituta rasteniyevodstva
i Krymskaya opytno-selektionskaya stantsiya Vsesoyuznogo nauchno-
issledovatel'skogo instituta rasteniyevodstva.

SHVETSOV, A.R. (Kiyev)

Using short piles on detonation-formed pedestals in constructing
apartment-house foundations. Osn.fund.i mekh.grun. 2 no.2:
19-20 '60. (MIRA 13:8)

(Foundations)

(Concrete piling)

C. A. V-48
Jan 10, 1954
Fats, Fatty oils,
waxes & Detergents

Distillation of fatty acids from soap stock. M. P. Salgan-
skii and A. S. Shvetsov (Corki Fat Combine). Maslobino-
Zhirovaya Prom. 18, No. 8, 24-6 (1953).—A description with
diagram of a process for recovery of fatty acids from black
cottonseed soap stock is presented. V. N. K.

(3)

SHVETSOV, A.V.

475. Shvetsov, A. V., Method of calculating reinforced-^{STRE}
concrete construction of hydrotechnical structures, taking the
time element into account (in Russian), *Gidrotekh. Stroit.*, no. 12,
26-30, Dec. 1952.

12
SPP

1. SHVARTSOV, A. V.
2. USSR (600)
4. Strains and Stresses
7. Approximate method of determining internal stresses of concrete with calculation of the variability of its deformation properties. Gidr.stroi. 21 no.3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

SHVETSOV, A.V.

Ways to reduce the laborious work involved in the output and
secondary crushing of caved ore at the Tekeli mine. Izv. AN
Kazakh.SSR. Ser. gor. dela no.2:9-13 '59. (MIRA 13:4)
(Tekeli--Mining engineering)

L 27354-66 EWT(m)/T/ETC(m)-6 WW/DJ

ACC NR: AP6007710

(A)

SOURCE CODE: UR/0413/66/000/003/0104/0104

AUTHORS: Grauze, G. N.; Shvetsov, A. V.; Gol'dinov, G. V.

ORG: none

TITLE: Composite bearing insert. Class 47, No. 178615

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 3, 1966, 104

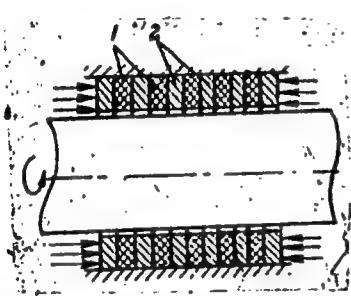
TOPIC TAGS: antifriction bearing, antifriction materialABSTRACT: This Author Certificate presents a composite bearing insert containing laminae (see Fig. 1). To improve the antifriction properties, the plates are made

Fig. 1. 1 and 2 - laminae.

Card 1/2

UDC: 621.822.5

2

L 27354-66

ACC NR: AP6007710

of different plastics or plastic and metal, stacked in alternate order and axially loaded during assembly by spring-loaded or elastically tightened flanges. Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 23May63

Card 2/2 PB

B N SHVETsov, V I ALMAZOV-DOLZHENKO, V V PUKHOV and V YE SOGRASHILINA

"Development of Procedure and Apparatus for Calibration of the Power
Radiated by Noise Generators in the Band from 2.0 to 12 cm" from Annotations of
Works Completed in 1955 at the State Union Sci. Res. Inst. Min. of Radio Engineer-
ing Ind.

So: B-3,080,964

I-8

Category : USSR/Radiophysics - Radio Measurements

Abs Jour : Ref Zhur - Fizika, No 2, 1957, No 4599

Author : Lukoshikov, V.S., Bondarev, A.S., Shvetsov, B.N.

Title : Investigation of the Electromagnetic Field of Cavities with the Aid of a Probe with High-Resistance Leads.

Orig Pub : Radiotekhn. i elektronika, 1956, 1, No 4, 497-511

Abstract : Description of method for the investigation of the distribution of electromagnetic field in cavity resonators of arbitrary shape with the aid of a probe and high-resistance leads. The probe is introduced inside the cavity together with a miniature detector through a small, practically non-radiating hole, is placed in the field point under study, and acts either as an electric or as a magnetic dipole of rather small size. It is assembled together with the detector on a small head made of polystyrol and at low frequencies it is connected by high-resistance conductors (high-resistance carbon paste, coated on a quartz tube of diameter $d = 2 \text{--} 3\text{mm}$) to the indicator, located outside the volume under investigation. In those cases, when the dipoles cannot be kept small compared with the wavelength owing to

Card : 1/2

Category : USSR/Radiophysics - Radio Measurements

I-8

Abs Jour : Ref Zhur - Fizika, No 2, 1957, No 4599

technological limitations (they are limited to several millimeters), the model of the investigated volume was magnified with a corresponding increase in the wavelength. The block diagram of the measuring set-up is given, and the circuit elements are listed; an estimate of the measurement error is made. The method is shown to be suitable for the investigation of fields in resonant and non-resonant frequencies and insures an accuracy of approximately 5%.

Card : 2/2

BIRGER, L.A.; SHVETSOV, B.N.; SOKOV, I.A.

Standard equipment for graduating noise generators in the microwave range. Izm. tekhn. no. 1:37-40 Ja '61. (MIRA 14:1)
(Oscillators, Electric) (Microwaves)

L 22414-66 EWT(d)/EWT(m)/EPF(n)-2/EWG(m)/T IJP(c) WW
ACC NR: AP6007945 SOURCE CODE: UR/0089/66/020/002/0117/0123

AUTHORS: Mogil'ner, A. I.; Shvetsov, D. M.

ORG: none

TITLE: Statistical methods of measuring the absolute power of a reactor 19

SOURCE: Atomnaya energiya, v. 20, no. 2, 1966, 117-123

TOPIC TAGS: nuclear reactor power, subcritical reactor, nuclear reactor characteristic, statistic analysis

ABSTRACT: The authors first review some of the standard methods of measuring the absolute power of a reactor, such as the absolute-count chamber and calibrated-source method, as well as gold-foil activation, and points out the major shortcomings of these methods. They then discuss the possibility of applying statistical methods including the Rossi- α method, the P_0 method, differential methods, the automatic-regulator fluctuation method, and the frequency method, and their

Card 1/2

UDC: 621.039.50

L 22414-66
ACC NR: AP6007945

relative advantages and disadvantages. These methods are briefly described and the fundamental equations on which they are based are presented. The application of these methods to subcritical and critical reactors are discussed and it is deduced from a comparison of the theoretical errors inherent in the two types of methods that the statistical methods offer several advantages. The authors thank A. P. Tarasov, V. P. Kudryavtsev, and S. A. Morozov for participating in the measurements. Orig. art. has: 2 figures, 9 formulas, and 1 table.

SUB CODE: 18 SUBM DATE: 14Jul65/ ORIG REF: 003/ OTH REF: 015

Card 2/2 *Gu*

SHVETSOV, E. I.

USSR/Engineering

Card 1/1 : Pub. 123 - 8/17

Authors : Zubakov, S. M., and Shvetsov, E. I.

Title : Regarding the question of the useful life of magnesite bricks used for
the bottoms of open hearth-furnaces

Periodical : Vest. AN Kaz. SSR 11/3 (108), 55-59, Mar 1954

Abstract : Results of an investigation, which was conducted to determine the causes
of quick wear of magnesite bricks used for bottoms in open hearth-furnaces
are presented. Seven references (1948-1953). Tables.

Institution : ...

Submitted : ...

VERASL', Grigorij Solomenovich, kand. tekhn. nauk; TETEL'BAUM,
Yakov Isaakovich, kand. tekhn. nauk [deceased]; KITAYEV,
V.Ye., kand. tekhn. nauk, retsenzent; OGIVENSKIY, V.V.,
prof., retsenzent; ZAMORA, Ye.F., dots., retsenzent;
SHVETSKOV, G.A., retsenzent; SHVETSKIY, B.I., retsenzent

[Electric power supply of radio apparatus] Elektropitanie
radiostrucisty. Kiev, Tekhnika, 1964. 383 p.
(MIRA 17:9)

SHVETSOV, G.P., referent.

Extraction of diamond dust for industrial wastes (from
"Industrial Diamond Review" no. 195, February 1957). TSvet.
met. 31 no.1:87-88 Ja '58. (MIRA 11:2)
(Waste products)

SHVETSOV, G.F.

Separators for ore dressing in heavy suspensions. (from "Colliery
Guardian" no. 5038, 1957). Tsvet. met. 31 no. 4:94 Ap '58.
(Ore dressing) (MIRA 11:5)

SCV/136-58-9-14/21

AUTHOR: Shvetsov, G.F.

TITLE: Use of Centrifuges for Regenerating Suspensions
(Primeneniye tsentrifug dlya regeneratsii suspenziy)

PERIODICAL: Tsvetnyye Metally, 1958, Nr 9, pp 68 - 70 (USSR)

ABSTRACT: The author has studied the loss of ferrosilicon in the concentration products in the heavy-medium treatment of diamond-containing sands (Figure 1). He investigated the reduction of such losses by centrifuging first on a test-tube scale and then on a type GNL 105/230-400U (NOGSl-230) continuous installation at the Sumskiy zavod (Sumy Works) (Figure 2) with a productivity of 0.5-1.2 tons/hour of solid and up to 40 litres/min of pulp. He gives the results (size analysis of feed and product and distribution of sizes between deposit and liquid) (Figure 3) and shows that they agree with calculation (Figure 4) and prove the effectiveness of the method. He discusses and approves with that required for other methods. He recommends the use of for heavy-media installations but requests that prolonged full-scale trials be carried

SCV 136

1. Properties for Regocor II & Suspensions SCV/130-58-9-14/21

and to find optimal operating conditions.

2. Tables + figures, 1 table and 1 Soviet reference.

3. Sand--Properties 2. Silicones--Performance 3. Centrifuges
---Applications

CH 27

SHVEINSOV, G. F.: Master Tech Sci (diss) -- "The dressing of diamond-containing
sands in heavy suspensions". Moscow, 1959. 16 pp (Min Higher Educ USSR, Kras-
noyarsk Inst of Nonferrous Metals im M. I. Kalinin), 150 copies (KL, № 13, 1959,
117)

SHVETSOV, G.F.

Haulageway mining in swelling ground. Ugol' Ukr. 3 no.3:36-37
(MIR 12:5)
Mr '59.

1. Glavnnyy marksheyder shakhty No.1/1-bis tresta Krasnogvardey-
ekugol'.
(Mining engineering)

SHVETSOV, G. F.

Construction of air and haulage bridges in mine No.1/1a
of the "Krasnogvardeiskugol" Trust. Ugol' Ukr. 3 no.10:
32-33 0 '59. (MIRA 13:2)

1. Glavnyy marksheyder shakhty No.1/1-bis tresta Krasnogvardey-
skugol'. (Moscow Basin--Mining engineering)

SHVETSOV, G.F., referent

Sump tank for coarse-grain pulps and mixtures (from "Journal of
the South African Institute of Mining and Metallurgy" no.4, 1959).
(MIRA 14:4)
TSvet. met. 33 no.6:95 Je '60.
(Ore dressing—Equipment and supplies)

MALAN'IN, M.I.; KRUPENINA, A.P.; CHERKASHINA, M.M.; RUMYANTSEVA, V.V.;
SHVETSOV, G.F., red.; SERGEYeva, N.A., red. izd-va; GUROVA, O.A.,
tekhn. red.

[Concentration of diamond-bearing bedrock and sand] Obogashchenie
almazosoderzhashchikh korennykh porod i peskov. By M.I.Malan'in i
dr. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane
nedr, 1961. 242 p.
(Diamond mines and mining) (Ore dressing)

L 34976-65 EWT(1) IJP(c)

ACCESSION NR: AP5008585

S/0286/65/000/006/0131/0132

AUTHORS: Dubinskiy, S. A.; Gerasimov, A. P.; Perfil'yev, V. V.; Shvetsov, G. F.

TITLE: Luminescence apparatus for determining and extracting luminescent materials.
Class 42, No. 149254

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 6, 1965, 131-132

TOPIC TAGS: luminescence, luminescence analysis, diamond, safety device, radioactivity, radioactive isotope

ABSTRACT: This Author Certificate presents a luminescence apparatus for determining and extracting luminescent materials such as diamonds. The apparatus consists of a case with a peephole, a bin with a loader, a carrier, and a holder for the rock specimen. To protect the personnel from radiation and to inspect not only the luminescent materials but also other materials by their radiation transmission, the apparatus is supplied with a lead container with a sectioned shutter for a radioactive isotope. The container is placed below the carrier belt, while a mirror and a fluorescent screen are located above the belt.

ASSOCIATION: none

Card 1/2

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001550410013-1

SHAW, J., G.I.

Leaf control in 1970
86-36-165. (b) (1) (B) (2) (C)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001550410013-1"

KUTIN, Leonid Ivanovich, kand. tekhn. nauk, dotsent; KOZEV, Anatoliy
Dmitriyevich, kand. tekhn. nauk. Prinimal uchastiye SHVETSOV,
G.M., inzh.; ZAYTSEV, V.I., nauchnyy red.; GORYANSKIY, Yu.V.,
red. izd-va; KOTLYAKOVA, O.I., tekhn. red.

[Marine steam engines] Sudovye parovye mashiny. Leningrad, Izd-
vo "Morskoi transport," 1962. 302 p. (MIRA 15:9)
(Marine engines)

SHVARTSEV, G.S., Cand Phys.-math Sci--(Liss) " ~~1~~ ~~2~~
products of rational groups." Perm', 1953. 10 pp incl cover (in of
Higher Education USSR. Perm' State U im A.M. Gor'kiy), 160 copies
(KL,35-10,122)

-73 -

SHVETSOV, G.V.

~~Work in a school applied geography area within a city. Geog.v~~
shkole 18 no.3:48-50 My-Je '55. (MIRA 8:9)
(Geography--Study and teaching)

SHVETSOV, G. V.

Geographic contest of school children in Moscow. Geog. v
shkole 23 no. 6:57-61 N-D '60. (MIRA 13:11)

1. Moskovskiy gorodskoy institut usovershenstvovaniya
uchiteley.
(Geography--Study and teaching) (Moscow-School contests)

SHVETSOV, G.V. (Moskva)

Thematic planning. Geog. v shkole 26 no.2:52-53 Mr-Ap '63.
(MIRA 16:4)

(Geography—Study and teaching)

MOISKYEV, Aleksandr Sergeyevich, inzhener; SHVETSOV, I.B., redaktor;
ISLENT'YEVA, P.G., tekhnicheskiy redaktor.

[Achievements of Soviet agricultural machinery construction under
the fifth five-year plan] Dostizheniya sovetskogo sel'skokhoziaist-
vennogo mashinostroeniia v piatoi piatiletke. Moskva, Izd-vo "Zna-
nie," 1954. 29 p. (Vsesoiuznoe obshchestvo po rasprostraneniu po-
liticheskikh i nauchnykh znanii, Ser. 4, no. 19) (MIRA 7:9)
(Agricultural machinery industry)

RUMYANOV, Mikhail Vasil'yevich; KONASHEVSKIY, V.L., nauchnyy redaktor;
SHVETSOV, I.B., redaktor; ISLEN'T'eva, P.G., tekhnicheskiy redaktor.

[My experience with the over-all mechanization of house painting]
Moi optyt kompleksnoi mekhanizatsii maliarnykh rabot. Moskva, Izd-
vo "Znanie," 1954. 30 p. (Vsesoiuznoe obshchestvo po rasprostra-
neniiu politicheskikh i nauchnykh znanii, Ser. 4, no. 21)(MLRA 7:9)
(Spray painting)

TOlstov, Yu-iy Georgiyevich, doktor tekhnicheskikh nauk, professor;
SHVETSOV, I.B., redaktor; DMITRIYeva, R.V., tekhnicheskiy redaktor.

[Long-distance transmission of direct-current electric energy]
Dal'nie peredachi elektricheskoi energii postoiannogo toka. Moskva,
Izd-vo "Znanie," 1954. 31 p. (Vsesoiuznoe obshchestvo po rasprostra-
neniu politicheskikh i nauchnykh znanii, Ser. 4, no. 31) (MLRA 7:11)
(Electric power distribution--Direct current)

SHVETSOV, I.B.
KAMENOMOSTSKIY, Lev Samuilovich, doktor tekhnicheskikh nauk; YUR'YEV, B.N.,
akademik, nauchnyy redaktor; SHVETSOV, I.B., redaktor; DIMITRIYEV,
R.V., tekhnicheskiy redaktor.

[Paths of the airplane's technical development] Puti tekhnicheskogo
razvitiia samoleta. Moskva, Izd-vo "Znanie," 1954. 31 p. (Vsesozius-
noe obshchestvo po rasprostraneniu politicheskikh i nauchnykh
znanii, Ser. 4, no. 37)
(Airplanes)

TRET'YAKOV, Aleksandr Petrovich, kandidat tekhnicheskikh nauk; SHVETSOV, I.B.,
redaktor; DMITRIYEVA, R.V., tekhnicheskiy redaktor.

[Technical basis of the increase of freight handling in railroad
transportation] Tekhnicheskaya osnova rosta gruzooborota zhelezno-
dorozhnogo transporta. Moskva, Izd-vo "Znanie," 1954. 36 p. (Vse-
soiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh
znanii, Ser. 4, no.30) (MLRA 7:11)
(Railroads--Freight)

DAVYDOV, Mitrofan Mikhaylovich; SHVETSOV, I.B., redaktor; ISLENT'YE-VA, P.G., tekhnicheskiy redaktor.

[Hydraulic construction of the U.S.S.R. in the fifth five-year plan] Gidrotekhnicheskoe stroitel'stvo SSSR v piatoi piatiletke. Po materialam "Voskresnykh chtenii" Politekhnicheskogo muzeia. Moskva, Izd-vo "Znanie," 1954. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, no.13) (MLR 7:8)
(Hydraulic engineering)

YEGOROV, Leontiy Ivanovich; SHVETSOV, I.B., redaktor; IMITRIYEVA, P.V.,
tekhnicheskiy redaktor.

[Drivers who made improvements in the automobile transportation
system] Shofery-novatory avtomobil'nogo transporta. Moskva,
Izd-vo "Znanie," 1955, 21 p. (Vses. ob-vo po rasprostraneniiu
polit. i nauchn. znanii, ser. 4, no. 40). (MLRA 8:3)

1. Predsedatel' TsK profsoyuza rabochikh avtomobil'nogo trans-
porta i shosseynykh dorog (for Yegorov).
(Automobile drivers)(Transportation, Automotive (Road))

DMITRIYEV, Ivan Ivanovich; SHVETSOV, I.B., redaktor; ISLENT'YEVA, P.G.,
tekhnicheskij redaktor

[Modern hydroelectric power station construction] Sovremennoe
stroitel'stvo gidroelektrostantsii. Moskva, Izd-vo "Znanie," 1955.
22 p. (Vsesoiuznoe obshchestvo po rasprostraneniu politicheskikh
i nauchnykh znanii, Ser. 4, no.14). (MLRA 8:6)

1. Zamestitel' ministra stroitel'stva elektrostantsiy (for Dmitriyev).
(Hydroelectric power stations)

ISAYEV, Aleksandr Sergeyevich; SHVETSOV, I.B., redaktor; DMITRIYEVA, P.V.,
tekhnicheskiy redaktor

[Creators of the first Russian tractors] Sozdaniye pervykh otechestven-
nykh traktorov. Moskva, Izd-vo "Znanie," 1955 23 p. (Vsesoiuznoe
obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii,
Ser.4, no.1) (MIRA 8:3)
(Tractors)

BARBASHOV, Fedor Alekseyevich, kandidat tekhnicheskikh nauk; SHVETSOV,
I.B., redaktor; DMITRIYEVA, R.V., tekhnicheskiy redaktor.

[Rapid metal cutting by large feed] Skorostnoe rezanie metallov
s bol'shimi podachami. Moskva, Izd-vo "Znanie," 1955. 31 p.
(Vsesoiuznoe obshchestvo po rasprostraneniu politicheskikh i
nauchnykh znanii. Ser.4, no.27) (MLRA 8:9)
(Metal cutting)

TIKHOMIROV, Nikolay Nikolayevich, kandidat tekhnicheskikh nauk; SHVETSOV,
I.B., redaktor; MAL'KOVA, N.V., tekhnicheskiy redaktor

[Automobile trains; technical and economic principles of work
organization for freight automobile trains] Avtomobil'nye poezda;
tekhniko-ekonomiceskie osnovy organizatsii raboty gruzovykh avto-
mobil'nykh poezdov. Moskva, Nauchno-tekhn. isd-vo avtotransp. lit-
ry, 1956. 203 p.
(Automobile trains)

(MIRA 10:2)

SHVETSOV, I.K.; VOROB'YEV, A.M.

[Methods used for the separation of neptunium and plutonium]
K voprosu o metodakh razdeleniya neptuniia i plutoniia. Moskva,
1955. 6 p.
(Neptunium) (Plutonium) (MIRA 14:6)

CHUDINOV, B.S.; KIVETSOV, I.K.

Complex-forming capacity of pentavalent neptunium. Radiokhimia
7 no.2:188-191 '65. (VTPR 18:6)

USSR / Human and Animal Morphology. Nervous System. S-2
Peripheral Nervous System.

Abs Jour: Ref Zhur-Biol., No 14, 1958, 64781.

Author : Shvetsov, I. M.
Inst : Ryazan' Medical Institute.
Title : Materials on the Study of Pavlov's Cardiac Nerves.

Orig Pub: Materialy 19-y nauchn. Konferentsii Ryazansk.
med, in-ta po probleme: "Anatomiya i patologiya
organov grydnnoy polosti", Ryazan', 1956, 72-78.

Abstract: It has been shown in 31 dogs, two human cadavers,
two cats, and two white rats, that the right
cardiac nerve of Pavlov(RCNP) in animals starts
with a general root from the caudal sector of
the inferior sympathetic cervical bundles and,
at the level of the intersection of the right sub-
clavial artery divides into a recurring nerve and

Card 1/3

USSR / Human and Animal Morphology. Nervous System. S-2
Peripheral Nervous System.

Abs Jour: Ref Zhur-Biol., No 14, 1958, 64781.

Abstract: properly the RCNP. The latter intersects the trachea, follows the edge of the brachio-cephalic artery and participates in the formation of the nerve plexus of the posterior surface of the auricle. Branches of the right recurrent and vagus nerves participate in the formation of the RCNP. Permanent connections are observed (one to three branches) of the RCNP with the left recurrent nerve. The RCNP in man is similarly constructed. In the dog, The left cardiac nerve of Pavlov (LCNP) intersects the arc of the aorta and spreads over the anterior surface of the left auricle; along the line of the LCNP branches of the vagus join it, as well as a branch from the central trunk of the left subclavian artery. Some of the LCNP

Card 2/3

... *Scutiger, T.M.*, and *Lei-Bei* -- (disc) "evolve" *var.* *in* *Scutiger*.
... (Anatomical, Biological, Physical). -- *Byzant.*, 1946, 19 p. (Abstract
of paper in *Scutiger* *var.* *Lei-Bei* *v.* *Scutiger* of *Scutiger* Anatomy)
2. *Scutiger* (KL, 1-58, 117)

- 231 -

LAVROV, N.N.; SHVETSOV, I.M.

Hemodynamic changes in the internal mammary artery during electrical
stimulation of the parasternal nerve. Grud. Khir. 3 no.2:50-53
'61. (MIRA 14:4)

(CHEST--BLOOD SUPPLY)

(CHEST--INNERVATION)

SHVETSOV, I.M.; ABRAMOVA, N.I.

Accessory coronary arteries (anatomical experimental research). Grud.khir. 4 no.6:13-17 N-1'62. (MIRA 16:10)

1. Iz kafedry normal'noy anatomi (zav. - prof. B.M.Sokolov) Ryazanskogo meditsinskogo instituta imeni I.P.Pavlova. Adres Avtorov: Moskva, G-117, Pogodinskaya ul., d.8. Institut fizicheskogo vospitaniya i shkol'noy gigiyeny.
(CORONARY VESSELS)

GUROVA, N.I.; SHVETSOV, I.M.

Fifth Scientific Conference on Growth Morphology, Physiology and Biochemistry. Arkh. anat. gist. i embr. 42 no.1:121-124 Ja '62.
(MIRA 15:4)

1. Adres avtorov: Moskva, G-117, Pogodinskaya ul., 8. Laboratoriya vozrastnoy morfologii Nauchno-issledovatel'skogo instituta fizicheskogo vospitaniya i shkol'noy gigiyeny.
(GROWTH--CONGRESSES)

BAYANDIN, P.A. (Murmansk); SHVETSOV, I.M.; TIMOFEYEVA, N.V.; KOVAL', V.P.; KOZLOVA, E.Z.; TRET'YAKOV, M.I. (Kaliningrad); MAMEDOV, E.Sh. (Poselok Martuni, AzerSSR); BOROVYY, Ye.M.; DULAYEV, S.G. (Grodno); GERASIMOV, B.A. (Lugansk); MEL'NIK, L.A. (Chernovtsy); MIGAL', L.A.; GUBANOV, A.G.; GOROVENKO, G.G. (Kiyev); SHAROV, B.K. (Chelyabinsk); SHUVALOVA, Z.A. (Sverdlovsk) NEYMARK, I.I.; ARYAYEV, L.N. (Odessa); KABANOV, A.N.; KONOVALOV, Yu.S.; ZAK, V.I. (Orenburg); MIKHAYLOV, M.M.; SEZ'KO, A.D. (Voronezh); SHALAYEV, M.I.; DONIN, V.I. (Saratov).

Abstracts. Grudn. khir. 5 no.3:110-126 My-Je'63 (MIRA 17:I)

1. Iz kafedry normal'noy anatomi Ryazanskogo meditsinskogo instituta imeni akademika I.P.Pavlova (for Shevtsov).
2. Iz Sochinskogo nauchno-issledovatel'skogo instituta kurortologii i fizioterapii Ministerstva zdravookhraneniya RSFSR (for Timofeyeva).
3. Iz khirurgicheskogo otdeleniya Ternopol'skoy klinicheskoy gorodskoy bol'nitsy (for Koval').
4. Iz kafedry topograficheskoy anatomi i operativnoy khirurgii (zav. - prof. A.P. Sokolov).
5. Iz khirurgicheskogo otdeleniya (zav. - Ye. M. Borovyy) Rovenskoy oblastnoy bol'nitsy (glavnnyy vrach - UkrSSR V.M. Vel'skiy) (for Borovyy).

(Continued on next card)

~~SECRET~~ BAYANDIN, P.A. — (continued) Card 2.

6. Iz fakul'tetskoy khirurgicheskoy kliniki (dir. - prof. I.M. Popov'yan) i gospital'noy terapevticheskoy kliniki (dir. - prof. L.S. Shvarts) lechebnogo fakul'teta Saratovskogo meditsinskogo instituta (for Migal'). 7. Iz kafedry fakul'tetskoy khirurgii (zav. - prof. I.I. Neymark) Altayskogo meditsinskogo instituta (for Neymark). 8. Iz Novosibirskskogo gorodskogo protivotuberkuleznogo dispansera (for Kabanov). 9. Iz kafedry fakul'tetskoy khirurgii (zav. - prof. I.A. Ivanov) Permskogo meditsinskogo instituta (for Shalayev).

SHVETSOV, I.M.

Right Pavlov's cardiac nerve in dogs. (ch. anat., hist. i embr. 43 no.12:59-65 D⁶²

1. Kafedra normal'noy anatomi (zav. - prof. B.M. Sokolov)
Ryazanskogo meditsinskogo instituta imeni akademika Pavlova.

— The International Conference of the International Federation of Medical Societies (Internationaler Kongress der Medizinischen Gesellschaften) was held in Moscow, Soviet Russia, 23-26. 1961. (VII-1961)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001550410013-1"

SHVETSOV, I.P., inzh.; PITROVSKIY, A.V., inzh.

The RPL-8 ~~combine~~ picker and loader. Trakt. i sel'khozmash. 32 no.12:
31 N 1968 (MLA 16:3)

1. Spets. na: konstruktorskoye upravo Khersonskogo zavoda.
(Oren (Khizhnykhvostino))

SHVETSON, K.

Arrow-type tuning indicator. Radio no.4:20 Ap '63.
(MIRA 16:3)
(Radio—Equipment and supplies)

KORZENKO, V.N., SAYKOV-VASIL'YEV, V.N., PROTASEN'YA, S.G., KOJYEV, N.F.
(Severo-Osetinskaya ASSR), FEDYUSHKIN, M.Ye., FEYTENGEYMER
V.P., kand. veter. nauk; YAMASHEV, S.G., kand. veter. nauk;
AKHMETZYANOV, F.Kh., miadzhshiy nauchnyy sotrudnik; SHVEISOV,
K.A., veterinarnyy vrach; GANIYEV, M.K. prof., FARZALIYEV,
I.A. dokt.senr.

Imenupos. an. 2. 1964. Veterinariya. 22, no. 1. 1964. (in '64.
(MIRA 18:11)

1. Beloruskiy institut epidemiologii i gigiyeny (for Korzenko,
Saykovskaya, Protasenya). 2. Direktor Severo-Osetinskoy
respublikanskoy veterinarnoy laboratori (for Fedyushkin);
3. Kazanskiy veterinarnyy institut (for Feytengeymer, Yamashov,
Akhmetzyanov, Shvetsov). 4. Azerbaydzhanskiy nauchno-issledovani-
el'skiy veterinarnyy institut (for Ganiyev, Farzaliyev).

SHVETSOV, K. I.

o probleme momentov Bamburgen'a pili dopolnitel'nom trebovaniem otsutstviya mass na zadannom
intervale. Khrk., 3 ap. matem. v - va (4), 16 (1940), 121-128.

SO: Mathematics in the USSR, 1917-1947
edited by Kurosh, A.G.,
Markushevich, A.I..
Rashevskiy, P.K.
Moscow-Leningrad, 1942

SHVETSOV, K. I.

Švecov, K. I. Slavonic numeration. Mat. v Skole 1952,
no. 2, 8-12 (1952). (Russian)

Source: Mathematical Reviews,

Vol. 13 No. 9

Some good

SHVETSOV, K.I. (g. Nikolayev)

Characteristic traits of arithmetical manuscripts of the
17th century. Mat. v shkole no.5:1-10 S-0 '54. (MLRA 7:11)
(Arithmetic)

SHVETSOV, K.I. (Kiev).

Scientific conference on polytechnic training in the schools of
the Ukrainian S.S.R. Mat. v shkole no.6:85-86 N-D '56. (MIRA 10:1)

(Ukraine--Technical education)

SHVETSOV, K.I. (Kiyev)

History of teaching mathematics in Russia in the 17th century.
Mat. v shkole no. 6:1-5 N-D '57. (MIRA 10:11)
(Mathematics--Study and teaching)

SHVETSOV, K.I. (Kiev).

Scientific conference of institutions for higher education in Kiev. Mat. v
shkole no.1:81-82 Ja-F '58. (MIRA 11:1)

(Kiev--Mathematics--Study and teaching)
(Kiev- Physics--Study and teaching)

ROZENBERG, M.I.; SHVETSOV, K.I.

Technical orientation of vocational education in city schools of the
Ukrainian S.S.R. Politekh. obuch. no.9:3-8 S '58. (MIRA 11:10)
(Ukraine--Technical education)
(Field work (Educational method))

BELYY, Yu.A.; SHVETSOV, K.I.

One Russian geometry manuscript written in the first quarter of the
17th century. Ist.-mat. issl. no.12:185-244 '59. (MIRA 13:11)
(Geometry, Plane)

SHVETSOV, K.I. (Kiyev); CHERTKOV, I.Ya. (Sumy)

Conference devoted to the relationship between the teaching of
mathematics and labor education and industrial teaching. Mat.
v shkole no.4:93-95 Jl-Ag '60. (MIR 13:9)
(Mathematics--Congresses)

SHVETSOV, K.I.

Origin of Russian arithmetical manuscripts of the 17th century. Ist.-mat. zbir. 4:112-130 '63. (MIRA 17:3)

KHICHIT, O.P.; SHVETSOV, K.I.

Mathematics in Basilian schools of the Ukraine in the second
half of the 18th century. Dokl. i soob. UzhGU. Ser. fiz.-mat.
i ist. nauk no.5:126-135 '62. (MIRA 17:9)

SHVETSOV, Konstantin Ivanovich, BEVZ, Gavril, FETT, V. G., MIRKHAIEV,
V. N., red., CHINARAL, V. A., red., KOSNITSHEV, L. M., red.

[Textbook on elementary mathematics, arithmetic, algebra]
Sправочник по элементарной математике, арифметика, алгебра
(Mika 1879)
Kiev, Naukova dumka, 1965. - 411 p.

L 04430-67
ACC NR: AP6014224

SOURCE CODE: UR/0115/66/000/003/0029/0034

AUTHOR: Shvetsov, K. Ya.

23
B

ORG: none

TITLE: One method of correcting the signal distorted in measuring channels

SOURCE: Izmeritel'naya tekhnika, no. 3, 1966, 29-34

TOPIC TAGS: electric measurement, signal correction, error correction

ABSTRACT: Weak-signal measurements often involve amplifications by a factor of a few thousands or tens of thousands; the signal frequency characteristic is often distorted in the process. A method of signal restoration used by the author in his studies of very weak 1-f electromagnetic signals is described. The amplified signal can be "back-converted" by a continuous system that possesses a transfer function inverse of the transfer function of the measuring channel or by a discrete system having a weight function inverse of the weight function of the measuring channel. The continuous-process inverting system should use an analog computer for 1-f signals; the discrete-process, a digital computer for any signal. However,

UDC: 62-501.7:681.142.353.2

Card 1/2

L 64430-67

ACC NR: AP6014224

due to practical difficulties, the digital-computer system was used and is recommended for all cases. By selecting the quantization interval about 0.1 period of the highest-frequency signal component, the quantization-caused error can be kept sufficiently low. The experimental measuring system comprised four cascade-connected linear devices whose three transfer functions were inverted on a digital

computer. These transfer functions had this general form: $F(p) = \frac{\sum_{l=0}^m b_l p^l}{\sum_{l=0}^n a_l p^l}$ ($m < n$).

The discrete weight functions can be found either from a formula of this type:

$w(t-\tau) = \sum_{k=1}^n \frac{c(v_k)}{G'(v_k)} e^{-v_k(t-\tau)}$ or by solving a system of difference equations. Orig. art. has: 12 figures and 19 formulas.

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 002

swn

Card 2/2

SHVETSOV, L.; ARZHANOY, A.; GRIDCHIN, V.

The gates of the fire stations open faster. Pozh. delo 9 no.9:
23 S '63. (MIRA 16:10)

(Fire departments—Equipment and supplies)

SHVETSOV, M.

AID P - 798

Subject : USSR/Engineering

Card 1/1 Pub. 28 - 8/11

Author : Shvetsov, M.

Title : Comments on Engineer Burshteyn's article "Efficient Use of Heat of Exhaust Gases"

Periodical : Energ. byul., #7, 25-27, J1 1954

Abstract : Comments relate to the thermal efficiency and size of the air preheater described in Energ. byul, #3, 1954. The heat of exhaust gases from industrial furnaces is transmitted to the air by means of solid mineral particles continuously passing through the gas and air chambers.

Institution : None

Submitted : No date

... R. I. SKLY, L.R.;
... R. I. SKLY, M.D.; I. A. LISKII, L.S.;
... R. I. SKLY, L.R.; I. A. LISKII, L.S.;
... R. I. SKLY, L.R.

... A. A. Arshkovskii, 1924; on his 75th birthday.
(YTR 18:7)
... 1999-06-15 10:30:17

L 11549-66

ACC NR: AP6005027

SOURCE CODE: UR/0105/65/000/001/0090/0090

AUTHOR: Aleksandrov, B. K.; Derman, B. A.; Drozdov, N. G.; Dubinskiy, L. A.; Zalesskiy, A. M.; Kamenskiy, M. D.; Kozlov, M. D.; Lisovskiy, G. S.; Sinekobov, K. S.; Trebulev, P. V.; Uspenskiy, B. S.; Kheyfits, M. D.; Shvetsov, M. A.

ORG: none

TITLE: Nikolay Nikolayevich Krachkovskiy

SOURCE: Elektrичество, no. 1, 1965, 90

TOPIC TAGS: electric power engineering, electric engineering personnel

ABSTRACT: Brief biography of subject, a senior scientific associate of the Institute of Power Engineering AS USSR, on the occasion of his 75th birthday on 18 Dec 64. He was graduated from the Leningrad Polytechnical Institute in 1916. Worked for a number of years in the planning, surveying, construction and operation of the first HV transmission lines and substations. From 1922 to 1926, participated in the planning and construction of the first Soviet hydroelectric station (Volkov GES im. Lenin) and 110 kv transmission line. In 1927-1932, designed transmission lines at the GET (State Electrical Engineering Trust) and the Leningrad branch of Dneprostroy. Chief of electric power and transmission section at Sverdlovsk, Volgostroy and Leningrad Energoprojekt (1932-1938); simultaneously studied 100-cycle current for AS USSR and participated in planning the Kuybyshev GES - Moscow transmission line. Worked at Leningrad Gidroproyekt until 1947, and at Moscow Gidrenenergoprojekt until 1955. Among the first to propose

UDC: 621.31

Card 1/2

17

16

B

L 11549-66

ACC NR: AP6005027

converting the Kuybyshev - Moscow line from 400 to 500 kv. An ardent advocate of
d-c for HV and EHV transmission. Authored over 75 scientific and technical articles,
and two inventions. Awarded the Order of the Red Banner of Labor and other
decorations. Orig. art. has: 1 figure. JPRS 14

SUB CODE: 09 / SUBM DATE: none

HW
Card 2/2

MALIKOVA, N. F.; SHVETSOV, M. I.

Gravimetric determination of air density. Izm.tekh.no.4:46-47
Jl-Ag '55. (MIRA 8:10)
(Air) (Gravimeter)

8 (6)

SOV/91-59-11-15/27

AUTHORS: Yurkin, E.V., Electrician, Shvetsov, M.S., Senior Electrician

TITLE: The Automatic Connection of the 380 Volt Reserve Power Supply

PERIODICAL: Energetik, 1959, Nr 11, pp 23-24 (USSR)

ABSTRACT: The authors describe a relay system used for connecting automatically the 380 volt reserve power supply for a pumping station. At the author's power plant, the pump motors work on 3 kv, but the electric motors operating the valves by remote controls work on 380 volts. In case of power failures an emergency power supply of 380 volts must be provided for operating the valves. According to the existing circuit arrangement, the 380 volt power supply is provided by two 3000/400 volt transformers which are connected to different buses of the auxiliary power supply system. In case one of the 3kv bus bars, or one of the transformers, will fail, the relay system will connect the other transformer.

Card 1/1 There is 1 circuit diagram.

SHVETSOV, M.S., inzhener (g. Groznyy); TARASENKO, P.M., inzhener (g. Leningrad).

"Permissible spans in surface pipeline laying"; discussion of
the article of M.N. Ruchimskii. Stroi.pred.neft.prom. 2 no.5:16-17
My '57. (Pipe lines) (Ruchimskii, M.N.) (MIRA 10:7)

SPVETSOV, Mikhail Sergeevich, 1885-

Iron ores of Russia Moskva, 1922. 61 p. (Biblioteka gornorabochego, no.4) (50-41630)

Microfilm TH-2

SHVETSOV, Mikhail Sergeyevich

SHVETSOV, Mikhail Sergeyevich and V. S. Yablokov, eds.....The Moscow coal basin.
Moscow, (United Scientific-technical publishing-office), 1937. 55 p., 1 l.
(International geological congress, XVII session. USSR, 1937. Excursion to the
Moscow coal basin.)
"List of literature": p. (56)

NcD

SO: LC, Soviet Geography, Part II, 1951/Unclassified

TMV.RSCV, N. A.

"The History of the Moscow Coal Basin in the 'Ukrainets'kiy' [?] Epoch,"
in Works of the Moscow Inst. of Geological Exploration, Vol. 12, Moscow-Leningrad,
1938.

CHVATOV, Mikhail Sergeevich

Petrography of Sedimentary Rock, 2nd Edition, Moscow, Leningrad, 1948.

SHVETSOV, M. S.

USSR/Geology - Natural Resources

May/Jun 53

"Six Author Abstracts of Reports Read February-March 1953 Before the Moscow Society
of Naturalists"

Byul Mosk Ob Isp Prir, Ot Geol, Vol 28, No 3, pp 88-96

V. A. Krasheninnikov, "The Morphology and Classification of Nonionidae." P. L. Merklin, "Stages of Development of the Konskiy Basin in the Miocene in Southern USSR." M. S. Shvetsov, "Reference to R. Grim's Article 'Environmental Conditions for the Formation of Red and Green Clays (Shale).'" M. S. Shvetsov, "Reference to the Notes Devoted to the Third International Congress on the Stratigraphy of Coal." S. V. Tikhomirov, "Devonian Deposits in the Southern Section of the Moscow Synclase and Some Data on the Ancient Paleozoic in the Kaluzhskaya Area." A. F. Bogoroditskiy, "Dynamic Role of Natural Gases in the Exploitation of Underground Waters."

267T88

SHVETSOV, M.S.

Abstract of R.Grim's article "Environmental conditions in the formation
of red and green clays (shale)." Biul.MOIP. Otd.geol. 28 no.3:91-92 '53.
(MLRA 6:11)

(Grim, R.) (Clay)

SHVETSOV, M.S.

Abstract of reports devoted to the 3d international congress on the stratigraphy of the Carboniferous Period. Biul. MOI. Otd. geol. 28 no. 3:92-93 '53.
(MIRA 6:11)

(Geology, Stratigraphic--Congresses)

377.2.1, 143.

Geologicheskaya istoriya srednei plasti
fuzdov i letkoriv v techenie nizhnekamennougličnoi i
pervoi poloviny srednekamennougličnoi e. jkh (Geolog-
ical history of the central part of the Russian, lat-
tice during the Lower Carboniferous and the first
half of the Middle Carboniferous periods). Voskresen'-
skojeoptelizdat, 1951. 77 p.

cc: Monthly List of Russian Accessions, Vol. 7, No. 5, August 1954

SHVETSOV, M.S.

Some auxiliary methods of studying sedimentary rocks. Biul. MOIP.
Otd. geol. 29 no.1:61-66 Ja-F '54. (MLRA 7:4)
(Rocks, Sedimentary)

SHVETSOV, M. S.

Nomenclature, terminology, and classification of sedimentary rocks.
Vop. min. osad. obr. 3/4:109-118 '56. (MLRA 9:11)

1. Geologorazvedochnyy institut, Moskva.
(Rocks, Sedimentary)

Shvetsov, M.S.

5-2-23/35

SUBJECT: USSR/Geology

AUTHOR: Shvetsov, M.S.

TITLE: On Processes which Transform Sediments into Rocks and which Change the Rocks (O protsessakh, prevrashchayushchikh esadki v porody i izmenyayushchikh porody)

PERIODICAL: Byulleten' Moskovskogo Obshchestva Ispytateley Prirody, Otdel Geologicheskiy, 1957, #2, pp 156-157 (USSR)

ABSTRACT: Material composition of rocks is determined in the first place by the composition of precipitated sediments. Diagenesis processes change this composition only in individual cases.

The processes and course of diagenesis are very diverse, dependent on the conditions of surrounding. They cannot be described by one standard scheme.

Processes which transform into rock sediments precipitated in a subaerial medium, sediments precipitated under a small water cover, sediments subjected to drying soon after precipitation, etc., differ considerably from diagenesis processes in large and stable water basins. It is expedient to apply for them the

Card 1/2

Card 2/2

Shvetsov, M.S.

5-6-1/42

AUTHOR:

Shvetsov, M.S.

TITLE:

Development in the USSR of the Petrography of Sedimentary Rocks or the Science of Sedimentary Rocks During Fourty Years (Razvitiye v Sovetskem Soyuze petrografii osadochnykh porod ili nauki ob osadochnykh porodakh za 40 let)

PERIODICAL:

Byulleten' Moskovskogo Obshchestva Ispytateley Prirody, Otdel Geologicheskiy, 1957, # 6, pp 3-11 (USSR)

ABSTRACT:

Courses on the petrography of sedimentary rocks were introduced in two Moscow vuzes during the 1920's.

At present, the center of study of sedimentary rocks is Moscow where 50% of all important investigations on these rocks are being carried out; 25% are conducted in Leningrad, and the rest in other cities, mainly in Baku, L'vov, Kazan', Khar'kov, Tashkent, Saratov, Rostov/Don, and Novocherkassk.

The science of sedimentary rocks has been developed along three main lines: mineralo-petrographic, facial-petrographic and historico-geological. In addition to these, other lines and methods are still in the initial phases of their development: physico-chemical, mathematical-statistical, electronographic, roentgenographic, thermographic, etc.

Great successes have been achieved in the study of clays,

Card 1/4

5-6-1/42

Development in the USSR of the Petrography of Sedimentary Rocks or the Science of Sedimentary Rocks During Fourty Years

ancient erosion crusts, phosphorites, ferruginous deposits, limestones and dolomites, but the study of siliceous rocks still lags behind.

The petrographic study of coals has evolved into an independent science of coal petrography, which studies also coal-enclosing rocks.

The study of saliferous rocks is being successfully pursued by a group of specialists in the Institute of Halurgy.

The laws of solubility of carbonates, iron, silicon and aluminum were discovered due to the work of A.Ye. Fersman and V.M. Goldschmidt. These studies led to the elucidation of the role in sedimentation of the pH-factor and oxygen potential, Eh.

Accumulation of facts called for generalizations, and some scientists put forth new hypotheses and concepts. So, P.I. Stepanov founded the concept of the belts and centers of coal accumulation; L.V. Pustovalov introduced the notion of "geochemical facies"; G.A. Ivanov and N.S. Shatskiy developed the study of "formations" which are understood as groups of rocks composing larger units, formations, in analogy to groups of minerals composing larger units.

Card 2/4

5-6-1/42

Development in the USSR of the Petrography of Sedimentary Rocks or the Science of Sedimentary Rocks During Forty Years

L.V. Pustovalov in 1940 proposed the "conception of sedimentary differentiation" and formulated the general "law of periodicity of sedimentation". The latter, however, was found to be non-existent in nature and its originator retracted it.

N.M. Strakhov has intensely investigated the basic regularities of sedimentation during the past 15 years.

A great role in the development of sedimentary rock petrography was played by an all-union conference in Moscow in 1952. The Conference formulated the following basic statements of the Soviet science of sedimentary rocks:

1. The recognition of the regularities in the chemico-mineralogical composition of sedimentary rocks and mineral products, processes of their formation and development, distribution in space and origination in time;
2. The recognition of very close connections of sedimentation, rock formation and formation of mineral products with the geological medium, and the many-sidedness of these connections;
3. The recognition of the evolutionary course of sedimentation and rock formation connected with the general evolution of the Earth.

Card 3/4

5-6-1/42

Development in the USSR of the Petrography of Sedimentary Rocks or the Science of Sedimentary Rocks During Fourty Years

In 1955 a commission was established at the Academy of Sciences of the USSR for the unification of nomenclature and classification of sedimentary rocks.

In 1957, the first Chair of the Petrography of Sedimentary Rocks was established at the Moscow Geological-Survey Institute.

Several conferences were held on sedimentary rocks: in 1955 in L'vov, in 1956 in Baku, and in 1957 in L'vov. The latter dealt with clays and resulted in the organization of the All-Union Committee on Clays.

AVAILABLE: Library of Congress

Card 4/4

SHVETSOV, Mikhail Sergeyevich; BUSHINSKIY, G.I., red.; SEMENOVA, M.V.,
red.izd-va; KRYNOCHKINA, K.V., tekhn.red.

[Petrography of sedimentary rocks] Petrografiia osadochnykh
porod. Izd.3., perer. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po
(MIRA 12:3)
geol. i okhrane nedor. 1958. 415 p.

1. Moskovskiy geologorazvedochnyy institut im. Sergo Ordzhonikidze
(for Shvetsov).
(Rocks. Sedimentary)